Do Not Enter

JR

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A titanium alloy consisting of:

when the entirety is taken as 100% by mass,

at least one alloying element selected from the group consisting of molybdenum (Mo), vanadium (V), tungsten (W), niobium (Nb), tantalum (Ta), iron (Fe), chromium (Cr), ~~nickel (Ni), cobalt (Co),~~ and copper (Cu) ~~and aluminum (Al)~~ in a molybdenum equivalent "Mo_{eq}" of from 3 to 11% by mass, the molybdenum equivalent determined by the following equation,

$$Mo_{eq} = Mo_{mass} + 0.67V_{mass} + 0.44W_{mass} + 0.28Nb_{mass} + 0.22Ta_{mass} + 2.9Fe_{mass} + 1.6Cr_{mass}\ [[+ 1.1Ni_{mass} + 1.4Co_{mass}]] + 0.77Cu_{mass}\ [[-Al_{mass}]]$$

, wherein Mo_{mass}, V_{mass}, W_{mass}, Nb_{mass}, Ta_{mass}, Fe_{mass}, Cr_{mass}, [[~~Ni_{mass}, Co_{mass}, Cu_{mass} and Al_{mass}~~]] and Cu_{mass} are expressed in percentages by mass;

~~at least one~~ an interstitial solution element that is ~~selected from the group consisting of~~ oxygen (O)~~, nitrogen (N) and carbon (C)~~ in an amount of from 0.6 to 3% by mass; and

the balance of titanium (Ti);

~~the content of Al being controlled to 1.8% by mass or less;~~ and

being β single phase at room temperature ~~at least~~;

wherein said titanium alloy is produced by a solution treatment comprising:

heating a raw titanium alloy material to form a β single phase at a temperature above the $\alpha+\beta/\beta$ transformation temperature of the raw titanium alloy material; and

quenching the heated raw titanium alloy material to form a titanium alloy that is a β single phase at room temperature.

Claim 2 (Cancelled)